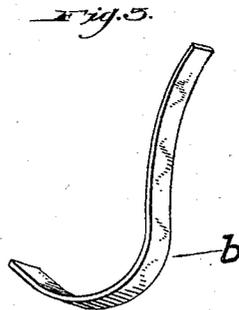
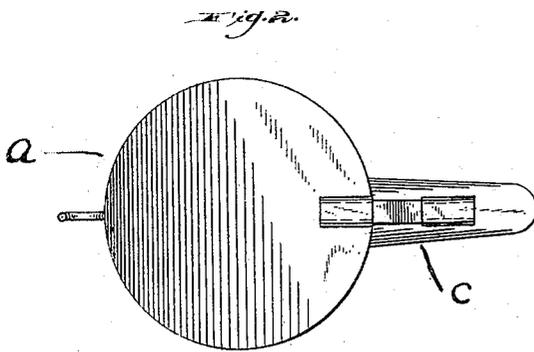
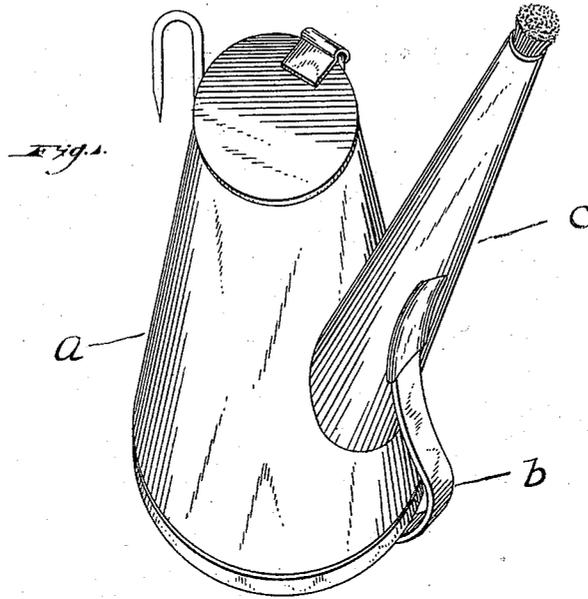


No. 643,281.

Patented Feb. 13, 1900.

R. C. WEST.
PIT OR MINING LAMP.
(Application filed Feb. 3, 1899.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

RICHARD CLARK WEST, OF ROSTRAVER, PENNSYLVANIA.

PIT OR MINING LAMP.

SPECIFICATION forming part of Letters Patent No. 643,281, dated February 13, 1900.

Application filed February 3, 1899. Serial No. 704,441. (No model.)

To all whom it may concern:

Be it known that I, RICHARD CLARK WEST, a citizen of the United States, residing in Rost-ra-ver township, county of Westmoreland, and
5 State of Pennsylvania, have invented a new and useful Pit or Mine Lamp, of which the following is a specification.

My invention relates to an improved pit or mining lamp; and it consists in arranging a
10 strip of spring metal in a position at the base of the spout to protect and prevent injury to the same, together with certain details of construction and combination of parts, as will be fully described hereinafter.

15 In the accompanying drawings, Figure 1 is a perspective view of an ordinary pit or mining lamp provided with my improved protector, which is constructed and arranged in accordance with my invention. Fig. 2 is an
20 inverted plan view of the base of the lamp, showing the manner in which the lower end of the protector is attached in position. Fig. 3 is a perspective view of the protector detached from the lamp.

25 To put my invention into practice with a

miner's lamp *a* of ordinary construction, I provide a strip of spring metal *b* and attach one end to the spout *c* a short distance above the base of the same and the other extremity
beneath the base of the lamp in such a man- 30
ner that an open space will be formed between the base of the spout and the protector, as shown at Fig. 1 of the drawings.

The advantages of this protector are the protection to the base of the spout and to that
35 portion of the bottom immediately below, which will be recognized by any practical miner.

Having thus described my invention, I
40 claim—

A miner's lamp provided with a protector
which consists of a strip of spring metal se-
cured to the bottom of the lamp passed around
the rim at the front thereof and secured to
45 the lower portion of the spout, substantially as described.

RICHARD CLARK WEST.

Witnesses:

LOUIS P. FLICKINGER, Jr.,
ADAM BOTTENFIELD.